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Master's Fellowship – 1 Vacancy

Within the project – GreenValue

Project Ref.: PTDC/BAA-AGR/1391/2020

Ref. nº: CCMAR/BM/04/2024

The Centre for Marine Sciences (CCMAR) opens one (01) Master's Fellowship (Bolsa de Mestrado), for applicants of any nationality, including stateless candidates, and holders of political refugee status, in the scientific field of **Biochemistry, Nutritional Sciences and Food Technology** within the research project – **PTDC/BAA-AGR/1391/2020 - GreenValue** – “*Exploring salt tolerant plants as sources of innovative food additives*” funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funding (PIDDAC), under the following conditions:

Host and Contracting Institution: CCMAR

This fellowship is intended for R&D activities to be performed by a student with a bachelor degree, enrolled in a Master's Degree in the field of Food Technology or related field at the beginning of the fellowship, to consolidate his/her scientific training, through the development of research work leading to the achievement of a Master's degree.

Work Plan, Tasks to perform and objectives:

The GreenValue project is focused on exploring salt-tolerant plants as sources of innovative food additives. Specifically, the fellow will be involved in the following tasks and objectives:

Task 1. Preparation of natural extracts from salt tolerant plants;

Task 2. Evaluation of the total contents in phenolic compounds, antioxidant properties and enzymatic inhibition of tyrosinase of prepared extracts;

Task 3. Functionalization of fresh sliced fruit with prepared extracts;


Task 4. Determination of the biochemical properties of functionalized fruit.

Scientific Supervisor:

Doctor Luísa Custódio, Coordinator of the project, researcher and team leader at CCMAR.

Work place:

CCMAR (Campus de Gambelas da Universidade do Algarve, Faro, Portugal), Instituto Superior de Engenharia – ISE (Campus da Penha da Universidade do Algarve) and eventually other places necessary for the completion of the work plan.

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Requirements for the application:

Applicants must meet the following conditions stated below:

1. Degree in Food Engineering or Biotechnology;
2. Experience in Food Processing, Food Chemistry, Food Microbiology and/or Food sensory analysis Laboratories;
3. Experience in evaluating the quality of food, specifically in the determination of physicochemical, nutritional and functional properties.

Non-compliance justifies exclusion from the procedure.

Evaluation criteria:

Through the analysis of the application documents the evaluation criteria for the applications and their relative weight for ranking are as follows:


The selection method to be used will be the evaluation of the Curriculum vitae (CV), with the following valuations:

1. Absolute merit of the CV (40%)
2. Laboratory experience in the area of the work plan to be developed (30%)
3. Knowledge of different laboratory techniques (30%)

The selection committee reserves the right to contact and interview candidates if additional information or clarification of any curricular aspect is necessary. In case it takes place, the interview aims to evaluate in more detail the curricular items used to grade the candidate according to the list above.

In the event that no applicant has the necessary profile, the selection committee reserves the right to close the call without any recruitment. In the event that the selected person does not take up the position because of failure to comply with documentary requirements or any other reason, or later during the contract if they resign, the jury reserves the right, upon convenience and opportunity, to assign the post to the next applicant in accordance with the ranking positions based on the selectable reservation list that can be used up to 06 months of the date of the present announcement.

Fellowship conditions: The fellowship will have an initial duration of 06 months, expected to start from September of 2024 and eventually renewed for additional periods until the end of the project, and never exceeding a maximum of 24 months. The fellowship must be carried out under an exclusivity regimen, according to the FCT Fellowship Regulation (RBI) and of the CCMAR fellowship regulations (see [here](#)) based

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on the Portuguese law 40/2004, of 18 of August (Scientific Research Fellowship holder statutes) amended by the Decree-Law 123/2019 of 28 of August. A maintenance allowance of 990.98€ will be paid monthly, through bank transfer, and will be updated as stipulated by the Foundation for Science and Technology (see fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf).

Application period: from 12th of august of 2024 to 27th of august of 2024 at 23:59 (Lisbon time, Portugal).

Application process and mandatory documents:

Complete applications must be submitted online at <https://ccmar.ualg.pt/en/career-opportunities> and must include at risk of exclusion, the following documents:

1. A motivation letter (in English);
2. A detailed Curriculum Vitae (in English);
3. A copy of the Bachelor's Certificate.

Non-compliance with these documents/information determines the immediate rejection of the application.

Results and Preliminary Hearing: The admission and evaluation results will be communicated by email within 90 working days after the application deadline. After notification, candidates have 10 working days to contest the preliminary decision.

Selection Committee:


Doctor Luísa Custódio, Coordinator of the project, researcher and team leader at CCMAR (President of the jury), Doctor Isabel Ratão, Researcher at ISE, Instituto Superior de Engenharia da Universidade do Algarve (Member), Doctor André Lopes, Researcher at FCT, Faculdade de Ciências e Tecnologia da Universidade do Algarve (Member), Doctor Célia Quintas, researcher at ISE, Instituto Superior de Engenharia da Universidade do Algarve (Substitute Member) and Maria João Rodrigues, researcher at CCMAR (Substitute Member).

Notes:

Hiring Documents:

After the candidate is selected and for the hiring purpose the following documentation/information will be requested:

- Proof of the enrolment (Certidão de inscrição/matrícula) from the Academic Services in a Master's Degree as mentioned above;

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- Declaration of commitment stating the exclusivity regime;
- Civil, fiscal and social security Identification (if applicable);
- Account Number – IBAN;
- Ciência ID: <https://www.ciencia-id.pt/CiencialD/HomePage.aspx>

Fellowship Agreement model

After the candidate selection and all information is received, it will be signed a fellowship agreement in accordance with the model [here](#).

Fellowship holder Assessment

At the end of each period of duration of the fellowship contract, the activity developed by the fellowship holder will be evaluated by the supervisor, by applying the following criteria, in accordance with the model below:

Criteria 1 – Commitment and goals achievement (50%)

Criteria 2 – Overall quality of the developed work (50%)

Supervisor report model [here](#).

Fellowship holder report


By the end of each fellowship period the fellowship holder must present a report. You can find the fellowship holder final report model [here](#).

The board of Directors reserves the right, due to a change in circumstances at the date of the present announcement, to cancel the present call without any recruitment.

Disabled candidates shall be preferred in a situation of equal ranking, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication / expression means to be used during selection period on their application form, under the regulations above.

CCMAR endorses the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (Charter and Code).

CCMAR's non-discrimination and equal access opportunities policy – No candidate can be privileged, benefited, jeopardised or be deprived of any right or exempt of any claim in regards to descendent, age,

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gender, sexual orientation, marital status, economic situation, origin, social economy, genetic heritage, disability, chronic disease, nationality, ethnicity, territory of origin, language, religion, politics, ideology or union membership.

Faro, 01st of August 2024

